

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/550,820
Source: PS/19
Date Processed by STIC: 10/6/05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or;
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05



PCT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/550,820

DATE: 10/06/2005
TIME: 11:45:18

Input Set : D:\SONN077US.txt
Output Set: N:\CRF4\10062005\J550820.raw

```

3 <110> APPLICANT: BUSCHLE, MICHAEL
4 LINGNAU, KAREN
6 <120> TITLE OF INVENTION: USE OF ALUM AND A TH1 IMMUNE RESPONSE INDUCING ADJUVANT
7 FOR ENHANCING IMMUNE RESPONSES
9 <130> FILE REFERENCE: SONN:077US
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/550,820
12 <141> CURRENT FILING DATE: 2005-09-23
14 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/003029
15 <151> PRIOR FILING DATE: 2004-03-22
17 <150> PRIOR APPLICATION NUMBER: EP 03450072.8
18 <151> PRIOR FILING DATE: 2003-03-24

```

</160> Insert this mandatory numeric identifier and response

ERRORED SEQUENCES

```

20 <210> SEQ ID NO: 1
21 <211> LENGTH: 9
22 <212> TYPE: PRT
23 <213> ORGANISM: Artificial Sequence
25 <220> FEATURE:
26 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
27 Peptide
29 <220> FEATURE:
30 <221> NAME/KEY: MOD_RES
31 <222> LOCATION: (1)..(9)
32 <223> OTHER INFORMATION: X = any positively charged amino acid
E--> 0 <160> NUMBER OF SEQ ID NOS: 1
34 <400> SEQUENCE: 1

```

Does Not Comply
Corrected Diskette Needs

ya 1-2

```

W-OK< 35 Xaa Glx Xaa Glx Glx Xaa Glx Xaa
36 1 5
126 <210> SEQ ID NO: 7
127 <211> LENGTH: 20
128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
132 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
133 Primer
135 <400> SEQUENCE: 7
E--> 136 tccatgacit tcctgtatgt

```

*This line was not in actual submitted file.
It is shown to illustrate missing </160> and response.*

do not use "i" in the sequence-use "n" and explain in <220>-<223> section

20

All P. 2

10/550, 820

2

<210> 3
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic Peptide

<220>
<221> MOD_RES
<222> (1)..(11)
<223> *insert the residue identifier and give explanation of Xaa's*
<2237>
<400> 3

Xaa Glx Xaa Glx Glx Glx Glx Xaa Glx Xaa

1

5

10

which residue(s) do they represent?

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/550,820

DATE: 10/06/2005
TIME: 11:45:19

Input Set : D:\SONN077US.txt
Output Set: N:\CRF4\10062005\J550820.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:0 M:282 E: Numeric Field Identifier Missing, <160> is required.
L:35 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:54 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:72 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:91 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:110 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:136 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:1
L:0 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (0) Counted (8)